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Study build station data: LMS TV 2022-06-01

Proposal: WLLB-LD D29 (D16) LD LIC PORTLAND, ME  
File number: BLDTL20131108AAX  
Facility ID: 9205  
Station data: User record  
Record ID: 2004  
Country: U.S.

Search options:  
Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	DWGBI-LP	N21	TX	APP	FARMINGTON, ME	BLTT19980428JE	107.5 km
No	WOOO-LD	D28	LD	LIC	WESTMORELAND, NH	BLANK0000164496	159.2
No	WVTB	D28	DT	LIC	ST. JOHNSBURY, VT	BLANK0000098226	156.0
No	W28DQ-D	D28	LD	LIC	WINDSOR, VT	BLDTL20120507ABK	170.8
No	WTXX-LD	D29	LD	LIC	SPRINGFIELD, MA	BLANK0000184610	314.4
Yes	W29DZ-D	D29	LD	CP	AUGUSTA, ME	BNPDTL20100107AEF	128.2
Yes	WNEU	D29	DT	LIC	MERRIMACK, NH	BLANK0000116628	169.7
No	WLNY-TV	D29	DT	LIC	RIVERHEAD, NY	BLANK0000080208	375.3
No	WRGB	D29	LD	LIC	SCHENECTADY, NY	BLANK0000129770	355.5
No	WKTV	D29	DT	LIC	UTICA, NY	BLCDT20060630ACL	375.5
No	W29EW-D	D29	LD	LIC	WILLSBORO, NY	BLANK0000059921	257.5
No	W28DQ-D	D29	LD	CP	WINDSOR, VT	BLANK0000051758	170.8
No	WCRN-LD	D30+	LD	LIC	Boston, MA	BLANK0000113233	170.5
No	DWCKD-LP	N30	TX	APP	BANGOR, ME	BLTT20140930AJL	176.4
No	DWMNE-LP	N32z	TX	APP	PORTLAND, ME	BLTT20020429AAV	5.8
No	CFTU-DT	D29	DT	LIC	MONTRAL, QC	BLANKCANADA278	326.4
No	CFTF-DT	D29	DT	LIC	RIVIEREDULOUP, QC	BLANKCANADA296	438.0

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:

WLOB 1310 L DA2 D PORTLAND, ME BMML20140826ACN  
WLOB 1310 L DA2 N PORTLAND, ME BMML20140826ACN  
WRED 1440 L DAN D WESTBROOK, ME BL19820917AN  
WRED 1440 L DAN N WESTBROOK, ME BL19820917AN

Record parameters as studied:

Channel: D29  
Mask: Full Service  
Latitude: 43 41 48.20 N (NAD83)  
Longitude: 70 21 44.10 W  
Height AMSL: 118.3 m  
HAAT: 0.0 m  
Peak ERP: 15.0 kW  
Antenna: Omnidirectional  
Elev Pattn: Generic  
Elec Tilt: 1.00

50.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	20.2 kW	29.5 m	31.4 km
45.0	20.2	84.2	43.0
90.0	20.2	106.0	45.8
135.0	20.2	106.4	45.8
180.0	20.2	100.4	45.1
225.0	20.2	75.6	41.7
270.0	20.2	51.7	37.5
315.0	20.2	56.5	38.6

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 76 m

Proposal 25.23 dBu contour does not cross Canadian border  
Distance to Canadian border: 172.1 km

Distance to Mexican border: 3098.7 km

Conditions at FCC monitoring station: Belfast ME  
Bearing: 50.4 degrees    Distance: 131.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 274.3 degrees    Distance: 2888.3 km

Study cell size: 1.00 km  
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%  
Maximum new IX to LPTV: 2.00%

---- Below is IX received by proposal BLDTL20131108AAX ----

Proposal receives 4.02% interference from scenario 1  
No IX check failures found.